



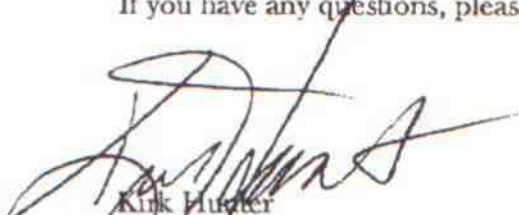
November 7, 2008

Jim Bernacci, President
Bus West
21107 South Chico Street
Carson, CA 90745

Dear Mr. Bernacci,

On August 6, 2008, the Board of Directors of the Southwest Transportation Agency approved your request for a 3% increase for Agency Bid #080901, which includes options pricing as well.

If you have any questions, please call.



Kirk Hunter
CEO



16644 S. Elm Ave. • Caruthers, CA 93609 • 559-644-1000 Fax: 559-644-1051 • info@southwesttpa.org



Bid FormDATE: 8-5-08

SOUTHWEST TRANSPORTATION AGENCY

WE RESPECTFULLY SUBMIT FOR YOUR CONSIDERATION OUR BID TO SUPPLY
AND DELIVER SCHOOL BUS(S) AS FOLLOWS:

CHASSIS: <u>THOMAS</u>	MODEL: <u>141YS</u>	
MAKE : <u>THOMAS</u>	YEAR OF MANUFACTURE: <u>2009</u>	
WHEELBASE: <u>277"</u>	ENGINE: <u>CUMMINS ISLG</u>	HP: <u>250</u>
BODY MAKE: <u>THOMAS</u>	MODEL: <u>SAF-T-LINER HDX</u>	CAPACITY: <u>77</u>
TRANSMISSION: <u>ALLISON 3000 PTS</u>		<u>77</u> AMBULATORY
		<u>0</u> WHEELCHAIR

CASH PURCHASE PRICE:	\$ <u>168,000.00</u>
STATE SALES TAX:	\$ <u>13,398.00</u>
2007 CA TIRE TAX:	\$ <u>10.50</u>
TOTAL BID:	\$ <u>181,408.50</u>

Escalator for each subsequent
year: [Owner to fill in] 3%

I/WE HAVE EXAMINED THE DETAILED MINIMUM SPECIFICATIONS AND GUARANTEE THIS BID TO BE IN ACCORDANCE THEREWITH. THE ABOVE PRICE INCLUDES ALL DEALER PREP, PRE-DELIVERY SERVICE, NECESSARY LETTERING, F.O.B. DELIVERY, AND DOCUMENTATION FEE.

If written Notice of Award of Contract is mailed, faxed, or delivered to the undersigned at any time before this bid is withdrawn, the undersigned shall, within ten (10) days after the date of such mailing, faxing, or delivering of such notice, execute and deliver an agreement in the form of Agreement present in the Contract documents in accordance with the specifications and bid as accepted.

The undersigned hereby designates as the office to which such Notice of Award of Contract may be mailed, faxed, or delivered:

Circular letters, bulletins, addenda, etc., bound with the specifications or issued during the time of bidding are included in the bid, and, in completing the Contract, they are to become a part thereof.

The receipt of the following addenda to the specifications is acknowledged:

Addendum No. Date Addendum No. Date

SPECIFICATIONS

77-passenger School Bus with various capacities and options

The school bus furnished shall comply with all current State of California and Federal Motor Vehicle Safety Standards in effect at time of bid. Additionally, the SWTA is requiring the following supplementary specifications. **Under specifications furnished, fill in all spaces. Indicate compliance with "Comply" or explain equivalents or exceptions in the space provided.** Equivalency of any exceptions to the items requested will be solely at the discretion of the SWTA.

Prior to delivery, the bus shall be prepared for inspection and certification for operation by the California Highway Patrol. SWTA will not accept a bus that is not prepared for inspection and certification.

Minimum Specifications Required	Specifications furnished
2007 or newer school bus capable of transporting up to 80 passengers various capacities and options in a proper and safe manner. Acceptable manufacturers include Blue Bird, IC Corp, and Thomas Built. Bidder must be a valid franchised dealer for the unit(s) bid. Bus must be new with transportation miles only. No alternative bids will be accepted.	Year: 2009 Manufacturer: Thomas Model: Saf-t-liner HDX Capacity: 77
Vehicle Dimensions Minimum G.V.W.R.: Up to 37,600 lbs. Wheelbase: Up to 277" Maximum overall length: Up to 40' Maximum overall width: 8' Maximum overall height: 11' Minimum headroom: 77"	G.V.W.R.: 37,600 lbs. Wheelbase: 277" Overall length: 40' Overall width: 8' Overall height: 11' Headroom: 78"

Chassis Specifications

Item	Minimum Specifications Required	Specifications furnished
Accelerator Controls	<p>Accelerator to be electrically operated and shall include a dash-mounted fast idle switch which automatically disengages when the transmission is shifted from neutral.</p> <p>Accelerator pedal to be electronically operated variable-type, allowing for adjustments by driver.</p>	Comply
Air Cleaner	Shall be a single-stage air cleaner, with replacement element. Shall be mounted with in the body and accessed by a door. Air restriction indicator to show when the element needs to be changed.	Comply
Alternator	Shall be 12-volt of not less than 200 amps and provide at least 50% of the rated charge at engine idle. Mounting shall be heavy-duty two-leg type as specified in SAE-J-180. Reference Leece-Neville or equivalent.	Comply
Axle, Front	<p>Shall be heavy-duty "I" beam design. Minimum 14,600 lb. axle capacity.</p> <p>Hubs shall be equipped with oil lubrication seals and have a sight glass to view oil level.</p>	Comply
Axle, Rear	Shall be a full-floating type and have a minimum gross weight capacity of 23,000 lbs. Axle shall be equipped with oil lubricated wheel bearings, replaceable oil lubrication seals, and include a magnetic drain plug.	Comply
Batteries	<p>Shall be a minimum three 12-volt type group 31 maintenance-free batteries.</p> <p>A lock shall be provided for the battery box door.</p>	Comply
Brakes	<p>Service brakes shall be a dual full air antilock brake system designed to meet all requirements of FMVSS 121 in effect at time of manufacture. Brake lining to be no less than 900 square inches in area.</p> <p>Type: Drum Front: 16.5" x 6" Rear: 16.5" x 8 5/8"</p> <p>Brake system shall include a gear driven air compressor with a minimum output of 13.2 CFM, and a minimum of four air reservoirs with a total of 6,000 cu. in. of capacity. Air-operated accessories shall operate from an air tank separate from the brake system. Air reservoir drain valves shall be manually operated. Operation shall be located on the side of the bus. Air tanks shall be labeled by function with vinyl lettering.</p> <p>System shall be S-cam design with automatic slack adjusters.</p>	<p>Comply</p> <p>Comply</p>

Item	Minimum Specifications Required	Specifications furnished
	<p>Parking brake shall be spring type with dash-mounted control valve.</p> <p>Brake pedal to be electronically operated variable-type, allowing for adjustments by driver.</p> <p>Air dryer shall be a Bendix AD-9.</p>	Comply
Cooling System	<p>Radiator to be heavy-duty construction with serpentine fins..</p> <p>Radiator shall include transmission oil cooler located in bottom tank. Radiator to be accessible through hinged service door.</p>	Comply
Design	Type D bus with rear mounted engine.	Comply
Drive Line	Spicer Life Series with booted and permanently lubricated slip member. Greaseable U-Joints with double lip seals on end caps.	Comply
Electrical	System shall be 12-volt with negative ground. Protected by a 150-amp circuit breaker mounted in rear electrical junction box. All chassis circuits shall be protected by manual-reset circuit breakers or multiplex system.	Comply
Engine	<p>250 horsepower minimum; 660 ft. lbs. torque minimum, electronically controlled in-line 6-cylinder compressed natural gas powered engine. (Reference John Deere 6081H or Cummins ISLG)</p> <p>Engine shall provide electronic monitoring system for water temperature, unaided cold starts to 0° F, engine diagnostic data and data logging capabilities. Maximum speed shall be limited to 65 mph. Must meet 2007 emissions.</p> <p>Please provide prices for Diesel engine</p>	Comply
Exhaust System	Single muffler with 4" tailpipe.	Comply
Fan Drive	Shall be a thermostatically controlled system with a 24" diameter, 9-blade fan.	Comply
Frame	<p>All welded and bolted construction with grade-8 head bolts and nuts. The main frame shall be a continuous section from the front of the vehicle to aft of the rear axle. Dimensions shall be not less than 10" x 3 1/2" x 1/4" with a minimum 50,000 PSI yield strength.</p> <p>Frame rails shall not be notched, tapered, or cutout to provide clearance for engine or stepwell installation.</p>	Comply
Fuel System	<p>Fuel system includes five Type-3 CNG fuel cylinders measuring 15.3" diameter x 77.6" long with seamless aluminum liners and carbon fiber and epoxy composite over-wrap. All tanks shall be mounted transverse of the chassis frame rails and surrounded by a protective tubular cage assembly.</p> <p>Fuel system shall operate at 3600 PSI. Relief valves from each tank to be plumbed to a single large diameter vent pipe routed to</p>	Comply

Item	Minimum Specifications Required	Specifications furnished
	<p>the top right side of the bus body outside the passenger compartment.</p> <p>The fuel door shall be equipped with a starter interlock to prevent the engine from starting during fueling.</p>	Comply
Instrument Panel	<p>Instrument panel shall include:</p> <ul style="list-style-type: none"> • Speedometer/7-digit odometer • Tachometer/Hourmeter • Oil pressure gauge • Water temperature gauge • Fuel gauge • Voltmeter • Dual air pressure gauges • Transmission temperature gauge • Combination directional signal/headlight dimmer switch on steering column. • Hazard warning switch on the steering column. • Audible warning for oil pressure, water temperature provided through stop engine, engine protection circuit. Separate light and tone for low air pressure. <p>Engine compartment instrument panel to include:</p> <ul style="list-style-type: none"> • On/off toggle ignition switch • Starter button with starter interlock switch • Switch for two compartment lights • Oil pressure gauge • Voltmeter 	Comply to All in this section
Rust proofing	All chassis framing, fasteners, and suspension systems are to be painted with a rust-inhibiting paint after assembly and before body mounting.	Comply
Shock Absorbers	Heavy-duty direct acting double-action piston type - two 2 front and two 2 rear.	Comply
Springs/Suspension	Front suspension to be two-leaf parabolic (taper leaf) type rated at a minimum of 14,600 lbs. capacity to provide durability and optimum ride characteristics. Rubber bushings are to be provided	Comply

Item	Minimum Specifications Required	Specifications furnished
	to eliminate maintenance and isolate vibration while nylon tip inserts eliminate noise. Rear suspension shall be leaf spring with a capacity of 23,000 lbs.	Comply
Steering	Integral full power with a tilt and telescoping steering column and padded wheel.	Comply
Tires	Single front and dual rear 12R22.5 16-ply radial tubeless type tires.	Comply
Transmission	Allison PTS3000 5-speed automatic. The transmission shall have a capacity rating compatible with the power output of the engine furnished.	Comply
Wheels	Six 8.25" x 22.5" 10-hole disc hub-piloted wheels. All wheels to be interchangeable.	Comply
Wiring	All chassis wiring to be color-coded and numbered and shall be routed through convoluted tubing for protection. Manual or automatic circuit breakers provided.	Comply

Body Specifications

Item	Minimum Specifications Required	Specifications furnished
Aisle	There shall be a minimum 12" wide center aisle from the entrance door to the rear of the bus. The aisle from the center aisle to the emergency doors shall be a minimum of 12 inches.	Comply
Assist Rail	Back side of stepwell: There shall be a stainless steel assist rail at the entrance door, mounted near the midpoint of the stepwell and extending to near the top of the seat barrier. Front side of stepwell: There shall be a stainless steel assist rail at the entrance door, mounted near the midpoint of the stepwell and extending to heater/dash area.	Comply
Back-up Alarm	The bus shall be equipped with an automatic back-up alarm installed behind the rear axle. This audible alarm shall be rated at a minimum of 97 dba in accordance with SAE-J-994b.	Comply
Bumper, Front and Rear	Shall be one-piece, formed from 3/16" plate steel. The bumpers shall be a minimum of 9 3/4" high.	Comply
Color	Exterior: Shall be National School Bus Yellow. Trim, including bumpers, guardrails, warning light visors, and door handles shall be black.	Comply

Item	Minimum Specifications Required	Specifications furnished
	<p>Wheels shall be painted or powder-coated National School Bus Yellow on both sides.</p> <p>Roof shall be painted white with rounded corners.</p> <p>Interior: Shall be blue or grey baked-on enamel. The area from the bottom of the side windows to the seat rail shall be clear-coated aluminized steel.</p> <p>All metal panels on the bus to be painted shall be primed on both sides prior to assembly.</p>	Comply
Construction	<p>The bus body shall be constructed of prime commercial quality steel or other material with strength at least equal to steel. The bus body shall be constructed to meet or exceed all state and federal school bus requirements in effect at the time of manufacture. Internal skeletal structure shall be welded.</p> <p>All components shall meet or exceed 2001/2002 60% Joint Strength Standards for the United States and Canada.</p>	Comply
Defrosters	<p>Defroster shall be sufficient capacity to keep windshield clear of fog, snow, and ice. The defroster shall include full-length windshield defroster channel for even distribution of heated air to the windshield.</p>	Comply
Doors	<p>The service door shall be an air- or electric-operated outward opening, two-panel door. An emergency opening control valve shall be located above the windshield adjacent to the door.</p> <p>The entrance door shall include a manually operated vandal lock with a grip handle mounted for convenient door opening.</p> <p>All entrance and exit doors shall be equipped with a full-width 1" x 3" padding located above the door opening. Pads shall be covered with fire block-type upholstery.</p>	Comply
Electrical	<p>The electrical system shall be 12-volt. The wiring shall be color and number coded and a wiring diagram shall be furnished with each bus.</p> <p>All body circuits shall be protected by manual-reset circuit breakers or self-monitoring multiplex system.</p> <p>Driver's area shall be equipped with a cellular phone power outlet.</p>	Comply
Emergency Exits	<p>All emergency exits shall conform to FMVSS 217 and California Title 13.</p> <p>Emergency Doors: There shall be a minimum of one emergency door, located on the left side of the bus. The door shall have a</p>	Comply

Item	Minimum Specifications Required	Specifications furnished
	<p>minimum of 31" x 58" clear opening.</p> <p>There shall be a device installed on the top of the emergency door that will automatically hold the door in the open position during emergencies and evacuation drills. Two pushout windows may be substituted for the right-side emergency door.</p> <p>Emergency doors and the rear pushout emergency window shall be equipped with a system of audible buzzers which will sound at the exit and in the driver's area when the release mechanism is moved toward the open position. A pilot light mounted on the driver's dashboard shall indicate the same. The emergency doors and window shall be equipped with a barrel bolt-type vandal lock with starter interlock. Rear pushout emergency window shall provide a clear opening of 55.25" x 21.75".</p> <p>Roof Hatch: Two roof hatches; combination ventilation and emergency exit shall be provided. Hatch shall not be equipped with warning buzzer.</p> <p>One inch of yellow reflective material shall extend around the perimeter of the roof hatch.</p>	Comply
Engine Compartment	<p>The rear engine compartment shall be fully insulated with thermal and sound barrier insulation sandwiched between the interior davenport seat panels and aluminized steel engine compartment panels. This insulation shall provide protection from heat, fumes and excessive noise from entering the passenger compartment. The engine compartment shall be capable of withstanding detergents and high-pressure wash.</p> <p>The engine door shall provide access to the engine compartment and related components. The door shall incorporate an interlock in the starting circuit to prevent starting the engine from the driver's area when the door is open. The opening shall be a minimum of 84" x 31". A cylinder-type lock shall secure the engine compartment door.</p> <p>The engine compartment shall be equipped with side engine doors, one each side. The doors shall be:</p> <ul style="list-style-type: none"> • Secured by a lockable flush-mounted adjustable lever latch. • Hinged vertically for a swing-out design. Designed with hinges that have removable pins for greater access for service. 	Comply
Exterior Paneling	<p>Roof: The roof panel shall be one-piece, 20-gauge, zinc-coated steel, riveted to each flange of the body bow frame.</p>	Comply

Item	Minimum Specifications Required	Specifications furnished
	<p>Roof sheets ends shall be sealed to prevent leaks. Exterior panels shall be primed both sides before assembly for rust prevention.</p> <p>The exterior side panels shall be at least 20-gauge flat sheet steel, riveted to both flanges of the roof bows. The side sheets shall extend to the lowest area of the luggage compartments. The side panels shall be primed on both sides before assembly.</p>	Comply
Fenderettes	The front and rear wheel openings shall be equipped with rubber fenderettes that extend from the body side approximately 3" for added protection.	Comply
Fire Extinguisher	Each bus shall be equipped with one 5-lb. dry type chemical fire extinguisher. The fire extinguisher shall be mounted in the accessory compartment located above the windshield. This compartment shall contain a glass in the door so that the equipment may be seen.	Comply
Body Fluid Kit, Triangle Flares & Other Safety Equipment	<p>Each bus shall be equipped with a metal type 24-unit first aid kit. The first aid kit shall be mounted in the accessory compartment located above the windshield. This compartment shall contain a glass in the door so that equipment may be seen. The door shall be equipped with a prop rod to hold the door open.</p> <p>Each bus shall be equipped with a set of triangle flares in accordance with FMVSS. The triangle flares shall be mounted in the accessory compartment located above the windshield.</p> <p>Each bus shall be equipped with hand held stop sign and vinyl pouch.</p>	Comply
Floor Covering and Sub-floor	<p>Floor covering shall be heavy-duty vinyl or rubber. The floor under the seats, over the wheelhouses, and in the driver's compartment shall be covered with smooth black color rubber. The aisle shall be covered with slip-resistant ribbed rubber. All floor seams must be sealed with a waterproof sealer and covered with a 1" wide stripping or molding.</p> <p>The floor covering along the sidewalls shall be covered with metal molding so that dirt cannot readily work underneath the edges.</p> <p>The sub-floor shall be water resistant exterior, Grade A 5-ply 5/8" thickness plywood.</p>	Comply
Guard Rails	<p>Minimum of four guard rails to be supplied:</p> <ul style="list-style-type: none"> • One 4 1/4" located below windows • One 4 1/4" located at seat cushion level • One 4 1/4" located at floor level 	Comply

Item	Minimum Specifications Required	Specifications furnished
	<ul style="list-style-type: none"> One 4 1/4" located at bottom of skirt 	Comply
Heater & Defrosters	<p>All heaters shall be of the copper coil design type with aluminum fins. Heaters shall be plumbed in parallel to obtain the maximum heater output.</p> <p>All heaters to be easily serviceable, with cleanable air filters.</p> <p>The front heater shall have a minimum rating of 90,000 BTU's with ducting for driver's heat. The rear heater shall have a minimum rating of 50,000 BTU's.</p> <p>The heater fans shall blow air toward the front and rear. A heater booster pump shall be installed. Heater cutoff valves - two shall be located behind an access door located forward of radiator and behind left side rear service access door.</p> <p>All heater hose connections shall be maintained with constant-torque clamps.</p> <p>Two adjustable six-inch two-speed electric fans shall be mounted above the windshield. Separate switches shall operate the fans.</p>	Comply
Horns	Dual electric plus one air horn shall be provided. The air horn shall be mounted beneath the floor of the driver's area with the activation switch mounted on the switch panel in the driver's area.	Comply
Identification	<p>The bus shall be lettered and numbered in accordance with all applicable federal and state requirements.</p> <p>Name: Bus number: CA number: CA</p> <p>One 6" X 9" certificate holder shall be installed on the front bulkhead.</p>	Comply
Instruments Gauges & Switches	The chassis instruments and gauges shall be located within easy view of the seated driver. (Also see "Instruments" in Chassis section.)	Comply
Insulation	<p>Ceiling, sides and rear panels shall be insulated with a minimum 1.5" thick polyester insulation to properly deaden sound, reduce vibration, and provide a thermal barrier. The insulation shall be fire-resistant of type approved by Underwriters Laboratories, Inc.</p> <p>A heavy-duty aluminized steel barrier shall enclose 2" blanket insulation in the engine compartment. The area under the davenport seat and the top of the shelf under the rear pushout</p>	Comply

Item	Minimum Specifications Required	Specifications furnished
	window shall be covered with 1/2" rubberized insulation material.	Comply
Interior	All interior panels shall have lapped edges. Headliner shall be acoustic-type perforated full length with solid borders at lap joints. Interior headroom shall be a minimum 77".	Comply
Locks	All similar-type external locks shall be keyed alike.	Comply
Lamps & Signals	<p>All lamps shall conform to applicable FMVSS and state laws in effect at time of manufacture. Lights to include:</p> <ul style="list-style-type: none"> • Headlights: Single sealed beam halogen (42 watt low beam/65 watt high beam) lights with daytime running lights • Cluster: Three amber LED front, three red LED rear Marker: Two amber LED front corners, two amber LED rear corners and two amber LED side roof. Single switch shall operate cluster and marker lights. • Stop: One red LED right rear, one red LED left rear, 7" minimum • Tail: One red LED right rear, one red LED left rear, 4" minimum • Back up Lamps: Two 4" clear lenses • Stepwell: One minimum operating with entrance door open. • Dome: Up to ten mounted over seats for optimum aisle clearance. Switch to be wired to battery. • Driver's Dome: Dome light mounted over driver's seat and operated with separate switch. • Directional Front: Two round amber LED, 7" minimum • Directional Side lights: Two amber LED lights, located over front wheel wells. Two red LED lights, located over rear wheel wells. • Directional Rear: One amber LED right and one amber LED left, 7" minimum. • Reflectors: Three on each side of bus, two on rear school bus. • Strobe Light Wiring: Wiring, switch and pilot light to be provide for future fixture. • Stop Arm: Electric stop sign mounted rear and meeting all 	Comply to all In this section

Item	Minimum Specifications Required	Specifications furnished
	<p>FMVSS and California Title 13 specifications.</p> <ul style="list-style-type: none"> Warning Lights: Halogen 8-light warning system, four amber and four red alternately flashing warning lights shall be provided to meet latest state and Federal Motor Vehicle Safety Standards meeting all FMVSS and California Title 13 specifications. Warning lights shall be equipped with black hoods. Engine Compartment: Two lights to illuminate engine compartment. License plate: Two lights to illuminate the license plate areas 	Comply
Luggage Compartment	Bus shall be equipped with a minimum of 69" pass-through luggage compartment. Include locks, lights, switches and shocks.	Comply
Manuals	An operator's manual shall be furnished.	Comply
Mirrors	<p>Interior mirror shall be 6" x 30" safety glass with protected edges.</p> <p>Exterior mirrors "European Style" overhung mirror assembly single point mount, triple lens head, break away arm, one flat rear view 9.66" x 8.39", one convex rear view 4.88" x 8.75", and one convex cross view 8.17" x 9.35". Mirrors shall be heated and operated remotely from the driver's compartment. Mirrors shall comply with FMVSS 111.</p>	Comply
Mounting	Bus body shall be mounted to chassis frame in such a manner as to prevent shifting.	Comply
Mud Flaps	There shall be rubber mud flaps mounted on the rear side of the front and rear wheel wells.	Comply
Noise Suppression Switch	Bus shall be equipped with a switch to temporarily disable all noise-producing accessories simultaneously, including heater blowers, auxiliary fans, radio, etc. Switch shall be located on the driver's switch panel.	Comply
Radio	Radio shall be AM/FM/CD/PA with antenna, eight premium interior speakers and microphone.	Comply
Seats and Barriers	<p>Passenger Seats: Bus shall accommodate up to 80 passengers in seats with three-point passenger restraints. All seats shall comply with all applicable FMVSS and California Title 13 specifications.</p> <p>Barriers: 45" high barriers shall comply with all applicable FMVSS and California Title 13 specifications. Barrier frames shall be powder-coated, non-reflective black. Barriers shall be mounted forward of the front two seats. Each barrier shall be fit with a</p>	Comply

Item	Minimum Specifications Required	Specifications furnished
	<p>modesty panel. Upholstery to match seats.</p> <p>Driver's seat: Shall be high back with adjustable seat back and a left side arm rest. Seat back to recline 15° and include adjustable lumbar support. Seat cushion width shall be minimum 20" and offer forward cushion tilt for optimum driver comfort. Seat slide shall have minimum 7" adjustment by finger tip control. Air pedestal to include additional shocks for reduced vertical motion and a vinyl pedestal cover. Upholstery to be black fabric. Seat to meet FMVSS 202 and 222.</p> <p>Driver's seat belt: Shall be a Type II, 3-point belt with height-adjustable "D" loop for driver comfort. The belt shall be of ELR design with a push button release.</p>	Comply
Stepwell	<p>3-step entrance covered with black pebble tread-rubber with white nosing (Reference Koroseal or equivalent). First step shall be 15" deep. Aluminized steel step riser covers shall be provided.</p> <p>A stepwell guard to protect the underside of the steps from road hazards shall be provided.</p>	Comply
Sun Visor	Visor to be 6" x 30" opaque acrylic and fully adjustable.	Comply
Switch Panel	Shall be mounted to the left of the driver with switches for the electrical components. Rocker type switches are to be supplied. The switches shall provide illuminated lenses, international symbols and labeling for the appropriate function.	Comply
Tow hooks	Two hooks shall be provided at the front and rear of the vehicle.	Comply
Ventilation	Body shall be equipped with a static type, non-adjustable exhaust ventilator located in low-pressure area of front roof. A driver-controlled fresh air vent shall be provided.	Comply
Warranty	A copy of the manufacturer's warranty shall be enclosed with and become a part of bid,	Comply
Windows	Two-piece passenger side windows to be of safety tempered and tinted glass in flat black frames. The tint shall not exceed 26% light transmission. The top portion of the side windows shall be capable of being lowered to a position that provides an opening at least 12" x 22". Windows must be accessible for removal without lowering the wiring harness access panel.	Comply
Windshield	Glass shall have a 5" non-glare band at the top. 3,700 sq. in. clear opening minimum. The windshield area and window posts shall be painted glare-resistant, flat black. Two exterior assist handles to be located over each glass, one right side and one left side.	Comply
Windshield Washer	Dual electric wet arm type windshield washers are required.	Comply

Item	Minimum Specifications Required	Specifications furnished
	Washer bottle shall have a one-gallon capacity and be accessible through front service panel.	Comply
Windshield Wipers	Bus to be equipped with two electrically operated, wet arm type, bottom-mounted wipers. Wipers are to be variable speed with intermittent function. Access to wiper motors through exterior panels.	Comply

Approved Optional Items

Item#	Description	Price
1.	Hybrid electric motor/controller drive system	\$ 95,000
2.	Outriggers	\$ 404
3.	CNG 4-tank system	(\$ 3,793)
4.	CNG 8-tank system	\$ 12,320
5.	Left side fill for CNG	\$ 980
6.	Diesel engine 200 – 229 HP	(\$ 41,250)
7.	Diesel engine 230-249 HP	(\$ 40,447)
8.	Diesel engine 250 – 269 HP	(\$ 38,449)
9.	Diesel engine 270 - 285 HP	(\$ 36,553)
10.	Diesel engine 286 -300 HP	(\$ 34,553)
11.	Decrease wheelbase to 181" through 208"	(\$ 2,083)
12.	Decrease wheelbase to 209" through 237"	(\$ 1,722)
13.	Decrease wheelbase to 238" through 266"	(\$ 869)
14.	Decrease wheelbase to 267" through 276"	(\$ 375)
15.	Remove 69"-94" through luggage compartment	(\$ 1,500)
16.	95"-124" through luggage compartment	\$ 1,100
17.	125" or greater through luggage compartment	\$ 1,500
18.	Four-wheel disc brakes	\$ 3,091
19.	10" rear brakes (Air Ride Required)	\$ 3,146
20.	Remove 15" first entrance step	(\$356)
21.	Fire suppression system	\$ 4,000
22.	Non-Euro style mirrors	\$ 1,800
23.	Solenoid-operated air drains in drivers area	\$ 494
24.	Reduce capacity of front axle/suspension to 13,200 lbs.	(\$428)

Item#	Description	Price
25.	Change to two 8-D batteries	\$225
26.	Change to forward-controlled engine transit model	(\$ 2,330)
27.	Change to activity bus	\$398
28.	Remove Adjustable pedals	(\$331)
29.	High strength frame rail	\$981
30.	Remove page system	(\$32)
31.	2004 EPA emission engine	(\$6,550)
32.	Compression and exhaust brake	\$ 1,524
33.	Strobe light	\$ 258
34.	Fog lights	\$ 206
35.	Remove acoustic-type perforated headliner	(\$580)
36.	16-gauge side sheets	\$343
37.	Five-year limited body warranty	\$2,500
38.	Five-year / 100,000 mile transmission warranty	\$ 900
39.	Allison 3000 PTS retarder transmission	\$4,124
40.	Hand-control for transmission retarder	\$456
41.	270 AMP alternator	\$750
42.	Interlock system	\$ 1,512
43.	Add or remove 30" 3-point restraint seat	\$678
44.	Add or remove 39" 3-point restraint seat	\$722
45.	Add or remove 45" 3-point restraint seat	\$755
46.	Remove 39" flex seat 3 point restraint seat	\$792
47.	Add or remove 30"-39" FMVSS restraint seat	\$125
48.	Add or remove barrier	\$133
49.	Add track and track mountings for passenger seats (per seat)	\$246
50.	Add infant child restraint seat each	\$130
51.	Add ISO Latch to passenger seat (per set)	\$25
52.	Add or remove non retractable lap belt	\$31
53.	Interior luggage racks (each side)	\$800
54.	Aluminum wheels (each)	\$600
55.	60-gallon fuel tank	\$647
56.	100-gallon fuel tank	\$678
57.	Automatic tire chains	\$2,600
58.	Mechanically operated drivers seat	(\$222)

Item#	Description	Price
59.	Remove remote operation on mirrors	(\$500)
60.	Remove heated mirrors	(\$103)
61.	Diesel particulate filter	\$7,500
62.	LED eight light warning system	\$1,458
63.	LED stop arm	\$431
64.	LED strobe stop arm	\$451
65.	Remove LED lights	(\$1,259)
66.	Wheelchair lift door	\$2,300
67.	Wheelchair lift	\$3,100
68.	Wheelchair station	\$800
69.	Lift pad and 5 lb. fire extinguisher	\$275
70.	112 DB. back-up alarm	\$54
71.	Cruise control	\$50
72.	Severe-duty package	\$430
73.	Digital color camera system	\$3,800
74.	Analog color camera system	\$1,907
75.	Checkmate child safety system	\$186
76.	DVD Player with 2 flip-down monitors	\$4,300
77.	Spare wheel	\$252
78.	60,000 to 75,000 BTU free-blow air-conditioning system	\$5,000
79.	76,000 to 90,000 BTU free-blow air-conditioning system	\$7,000
80.	91,000 to 110,000 BTU free-blow air-conditioning system	\$9,000
81.	111,000 to 130,000 BTU free-blow air-conditioning system	\$11,500
82.	125,000 roof top ducted air-conditioning system	\$18,513
83.	125,000 skirt mounted ducted air-conditioning system	\$15,920
84.	Transit compressor for air-conditioning system	\$4,819
85.	Side emergency door	\$379
86.	Front air ride 2-bag suspension	\$1,443
87.	Rear air ride 2 bag suspension	\$2,965
88.	Front air ride 4-bag suspension	\$3,457
89.	Rear air ride 4-bag suspension	\$7,660
90.	Add or remove roof hatch	\$400
91.	11R22.5 tires (6)	(\$582)
92.	10R22.5 tires (6)	(\$834)

Item#	Description	Price
93.	Extended engine warranty MBE – 5 year	\$600
94.	Extended engine warranty Cummins – 7/150k	\$1,500
95.	Extended chassis warranty 5 yr/100k excluding drivetrain	\$ 3,000
96.	GPS/fleet management tracking system	\$1,750
97.	Engine diagnostic software	\$1,800
98.	Diagnostic, storage, data retrieval device	\$1,800
99.	Connector cables	\$1,300
100.	Additional passenger heater	\$260
101.	Towing extended warranty- 1 year each year to 2 years	\$183
102.	Low level coolant warning sensor	\$53
103.	Extended towing warranty – 3yr	\$700
104.	Extended towing warranty – 4 yr	\$1000
105.	Extended towing warranty – 5 yr	\$1200
106.	Extra dome lights (set of two)	\$ 40
107.	Gas methane detection system	\$2100
108.	6 th speed on transmission open	\$400
109.	Flip signs	\$400
110.	Flip visors	\$300
111.	Sanders	\$2000
112.	Spare tire	\$580
113.	Exhaust brake	\$500
114.	280hp ISLG engine	\$350